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benchmark

AMD Ryzen 5 3600 6-Core testing with a ASUS PRIME B550-PLUS (2423 BIOS) and ASUS AMD Radeon RX 550 / 2GB on Fedora Linux 36 via the Phoronix Test Suite.

Test Systems:

ASUS AMD Radeon RX 550

Processor: AMD Ryzen 5 3600 6-Core @ 3.60GHz (6 Cores / 12 Threads), Motherboard: ASUS PRIME B550-PLUS (2423 BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 1000GB Western Digital WD10EZEX-75W + 1000GB Western Digital WD10EZRX-00A + 250GB Samsung SSD 860, Graphics: ASUS AMD Radeon RX 550 / 2GB (1183/1500MHz), Audio: AMD Baffin HDMI/DP, Monitor: 24EA53, Network: Realtek RTL8111/8168/8411

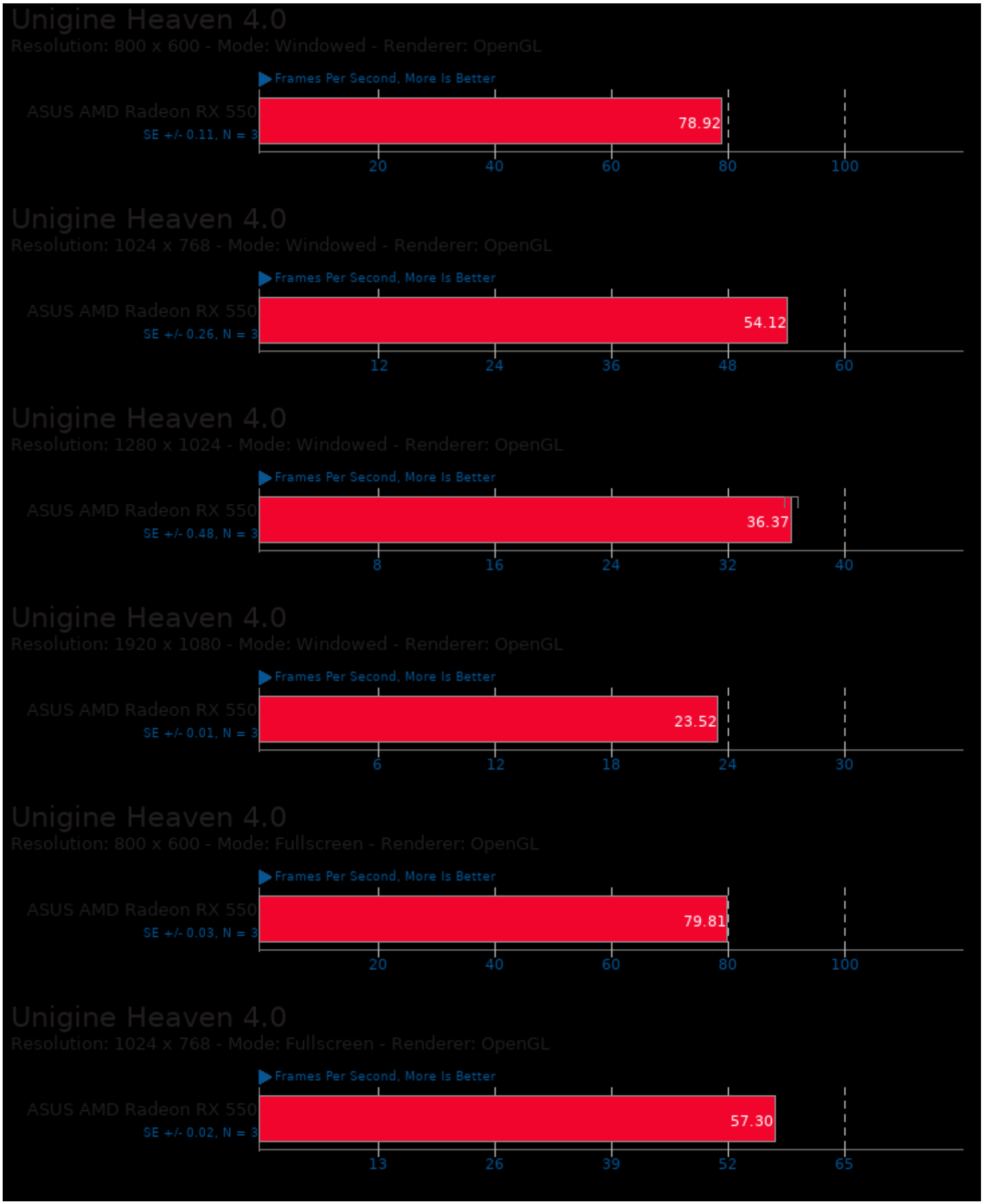
OS: Fedora Linux 36, Kernel: 5.17.6-300.fc36.x86_64 (x86_64), Desktop: Cinnamon 5.2.7, Display Server: X Server 1.20.14, OpenGL: 4.6 Mesa 22.0.3 (LLVM 14.0.0 DRM 3.44), Compiler: GCC 12.1.1 20220507, File-System: btrfs, Screen Resolution: 1920x1080

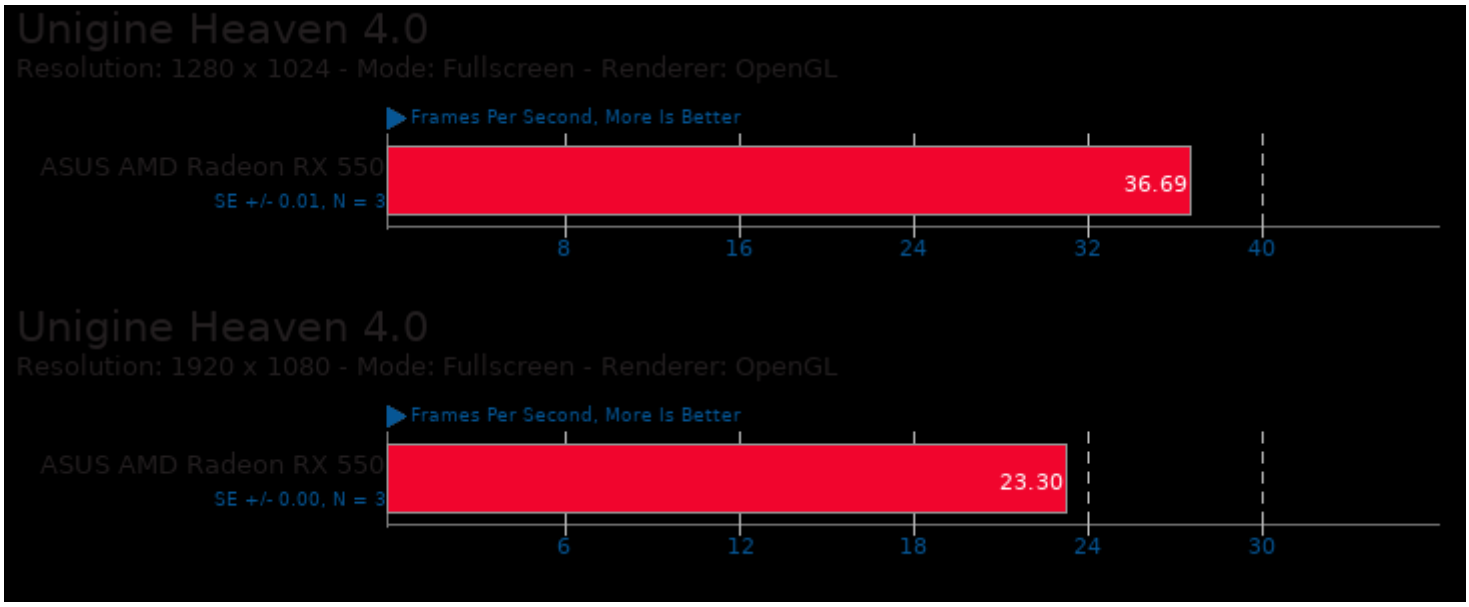
Kernel Notes: Transparent Huge Pages: madvise
Environment Notes: DEBUGINFOD_URLS=https://debuginfod.fedoraproject.org/

benchmark

Processor Notes: Scaling Governor: acpi-cpufreq schedutil (Boost: Enabled) - CPU Microcode: 0x8701021
Graphics Notes: GLAMOR - BAR1 / Visible vRAM Size: 256 MB
Security Notes: SELinux + itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Retpolines IBPB: conditional STIBP: conditional RSB filling + srbds: Not affected + tsx_async_abort: Not affected

	ASUS AMD Radeon RX 550
Unigine Heaven - 800 x 600 - Windowed - OpenGL (FPS)	78.9186
Standard Deviation	0.2%
Unigine Heaven - 1024 x 768 - Windowed - OpenGL (FPS)	54.1210
Standard Deviation	0.8%
Unigine Heaven - 1280 x 1024 - Windowed - OpenGL (FPS)	36.3745
Standard Deviation	2.3%
Unigine Heaven - 1920 x 1080 - Windowed - OpenGL (FPS)	23.5239
Standard Deviation	0%
Unigine Heaven - 800 x 600 - Fullscreen - OpenGL (FPS)	79.8070
Standard Deviation	0.1%
Unigine Heaven - 1024 x 768 - Fullscreen - OpenGL (FPS)	57.3048
Standard Deviation	0%
Unigine Heaven - 1280 x 1024 - Fullscreen - OpenGL (FPS)	36.6884
Standard Deviation	0%
Unigine Heaven - 1920 x 1080 - Fullscreen - OpenGL (FPS)	23.3022
Standard Deviation	0%


Unigine Heaven 4.0
Resolution: 800 x 600 - Mode: Windowed - Renderer: OpenGL
Frames Per Second, More Is Better
ASUS AMD Radeon RX 550
SE +/- 0.11, N = 3
78.92
20
40
60
80
100
Unigine Heaven 4.0
Resolution: 1024 x 768 - Mode: Windowed - Renderer: OpenGL
Frames Per Second, More Is Better
ASUS AMD Radeon RX 550
SE +/- 0.26, N = 3
54.12
12
24
36
48
60
Unigine Heaven 4.0
Resolution: 1280 x 1024 - Mode: Windowed - Renderer: OpenGL
Frames Per Second, More Is Better
ASUS AMD Radeon RX 550
SE +/- 0.48, N = 3
36.37
8
16
24
32
40
Unigine Heaven 4.0
Resolution: 1920 x 1080 - Mode: Windowed - Renderer: OpenGL
Frames Per Second, More Is Better
ASUS AMD Radeon RX 550
SE +/- 0.01, N = 3
23.52
6
12
18
24
30
Unigine Heaven 4.0
Resolution: 800 x 600 - Mode: Fullscreen - Renderer: OpenGL
Frames Per Second, More Is Better
ASUS AMD Radeon RX 550
SE +/- 0.03, N = 3
79.81
20
40
60
80
100
Unigine Heaven 4.0
Resolution: 1024 x 768 - Mode: Fullscreen - Renderer: OpenGL
Frames Per Second, More Is Better
ASUS AMD Radeon RX 550
SE +/- 0.02, N = 3
57.30
13
26
39
52
65



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